

What is claimed is:

1. A printer comprising:

image-data taking means for taking in image data of frames from a recording medium;

5        distinction means for distinguishing whether or not said frames are recorded in said recording medium in a grouping format, which is for grouping said frames, when taking in said image data;

index-picture producing means for producing an index  
10    picture in which said frames are arranged and the sole representative frame is chosen every group relative to the grouped frames;

sub-index-picture producing means for producing a sub-index picture in which the frames of the same group  
15    are arranged;

a display for displaying said index picture and said sub-index picture;

changing means for changing an indication of the display from said index picture to said sub-index picture  
20    when one of said representative frames has been selected from said index picture shown on said display;

print-frame designating means for designating the frame to be printed from one of said index picture and said sub-index picture; and

25        printing means for printing the frame, which is designated by said print-frame designating means, on a recording paper.

2. A printer according to claim 1, wherein said representative frame is shown on said display in a distinguishable manner against the non-grouped individual frame.

5        3. A printer according to claim 2, wherein said representative frame is accompanied by a distinction indicia.

4. A printer according to claim 2, wherein producing said sub-index picture is started when said  
10 representative frame has been selected.

5. A printer according to claim 4, wherein all the frames of the group to which the designated representative frame belongs are printed when the representative frame to be printed is designated by said print-frame  
15 designating means.

6. A printer according to claim 1, wherein the respective frames belonging to said group have group information for distinguishing the group.

7. A printer according to claim 6, wherein said index  
20 picture includes at least one representative frame and said individual frame when a number of said groups is small.

8. A print receiving apparatus for receiving a print order of a desired frame from a plurality of frames recorded  
25 in a recording medium, comprising:

image-data taking means for taking in image data of said frames from said recording medium;

distinction means for distinguishing whether or not said frames are recorded in said recording medium in a grouping format, which is for grouping said frames, when taking in said image data;

5        index-picture producing means for producing an index picture in which said frames are arranged and the sole representative frame is chosen every group relative to the grouped frames;

sub-index-picture producing means for producing a  
10 sub-index picture in which the frames of the same group are arranged;

a display for displaying said index picture and said sub-index picture;

changing means for changing an indication of said  
15 display from said index picture to said sub-index picture when said representative frame has been selected from said index picture shown on said display; and

frame designating means for designating the frame to be print-ordered from one of said index picture and  
20 said sub-index picture.

9. A print receiving apparatus according to claim 8, wherein said representative frame is shown on said display in a distinguishable manner against the non-grouped individual frame.

25        10. A print receiving apparatus according to claim 9, wherein said representative frame is accompanied by a distinction indicia.

11. A print receiving apparatus according to claim 9, wherein producing said sub-index picture is started when said representative frame has been selected.

12. A print receiving apparatus according to claim 5 9, wherein all the frames of the group to which the designated representative frame belongs are print-ordered when the representative frame to be printed is designated by said frame designating means.

13. A print receiving apparatus according to claim 10 12, wherein the respective frames belonging to said group have group information for distinguishing the group.

14. An index-picture displaying method comprising:  
taking in image data of frames from a recording medium;

15 distinguishing whether or not said frames are recorded in said recording medium in a grouping format, which is for grouping said frames, when taking in said image data;

displaying an index picture, in which said frames are arranged, on a display, the sole representative frame being chosen every group relative to the grouped frames in said index picture; and

displaying a sub-index picture on said display instead of said index picture when one of said 25 representative frames has been selected from said index picture, the frames of the same group being arranged within said sub-index picture.

15. A displaying method according to claim 14, wherein said representative frame is shown on said display in a distinguishable manner against the non-grouped individual frame.

- 5        16. A displaying method according to claim 15, wherein said index picture includes at least one representative frame and said individual frame when a number of said groups is small.